

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
 Data File : BN005031.D
 Acq On : 29 Mar 2019 13:30
 Operator : JU/SJ
 Sample : K1825-05DL 25X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Mar 30 00:18:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 29 03:42:17 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3069	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	11772	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7145	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	16852	0.40	ng	0.01
27) Chrysene-d12	21.26	240	21509	0.40	ng	0.00
34) Perylene-d12	23.49	264	19477	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	42367	5.53	ng	0.00
5) Phenol-d6	6.83	99	53798	5.93	ng	-0.02
8) Nitrobenzene-d5	8.82	82	29671	4.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	23899	5.96	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	112566	4.17	ng	0.00
25) Fluoranthene-d10	19.09	212	16	0.00	ng	0.00
29) Terphenyl-d14	19.69	244	188160	4.26	ng	0.00

Target Compounds

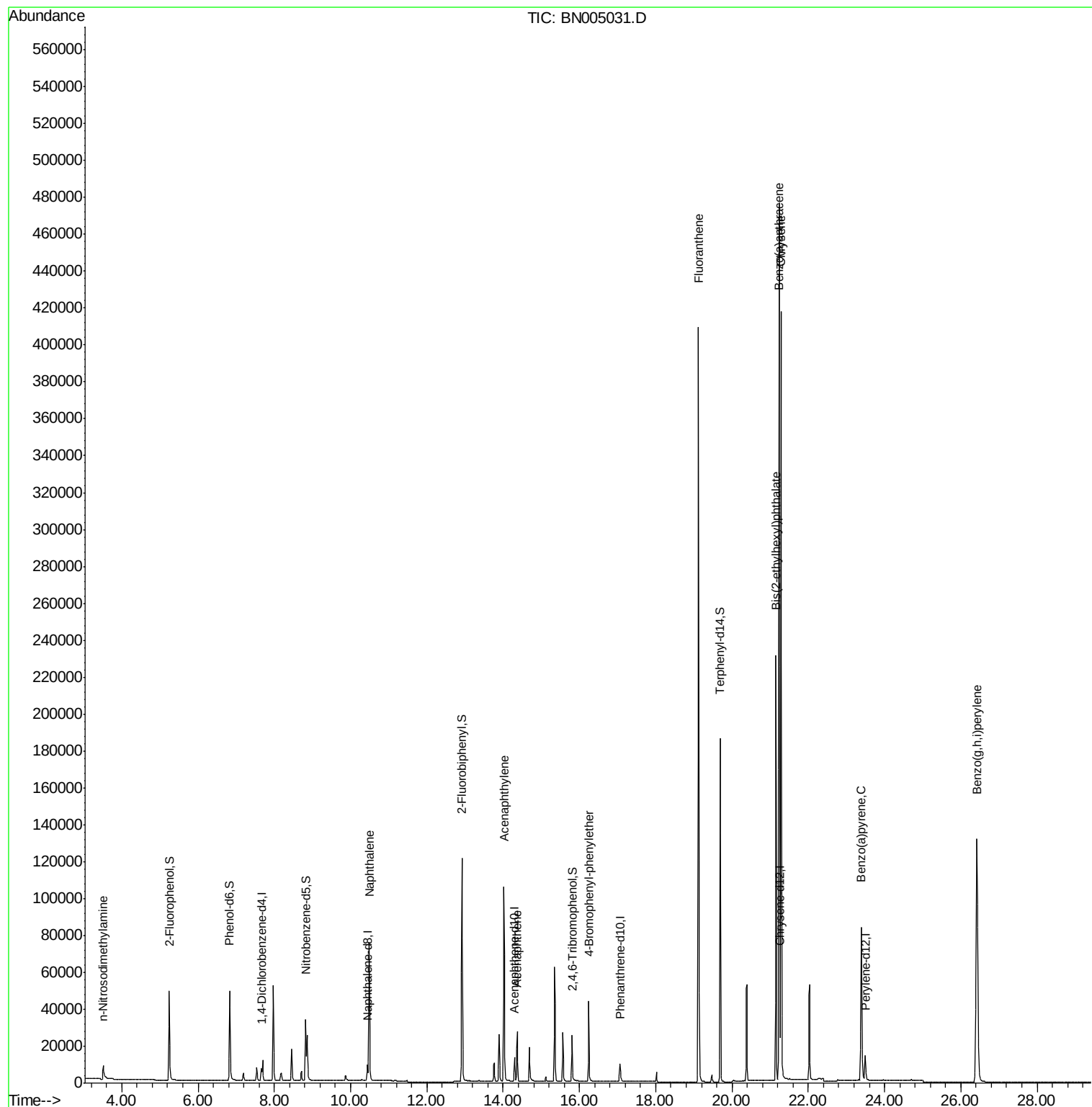
						Qvalue
3) n-Nitrosodimethylamine	3.51	42	5844	2.902	ng	# 92
9) Naphthalene	10.49	128	103566	3.500	ng	98
16) Acenaphthylene	14.02	152	118314	3.508	ng	99
17) Acenaphthene	14.37	154	13398	0.626	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	24271	2.515	ng	92
26) Fluoranthene	19.12	202	373931	6.472	ng	100
30) Benzo(a)anthracene	21.24	228	373002	6.150	ng	99
31) Chrysene	21.29	228	346473	5.299	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	185108	7.288	ng	99
37) Benzo(a)pyrene	23.39	252	131013	2.360	ng	95
39) Benzo(g,h,i)perylene	26.42	276	288245	5.152	ng	98

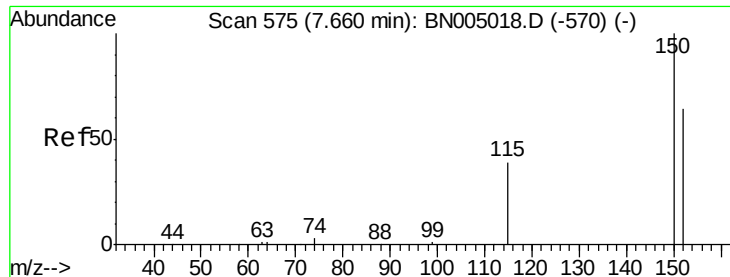
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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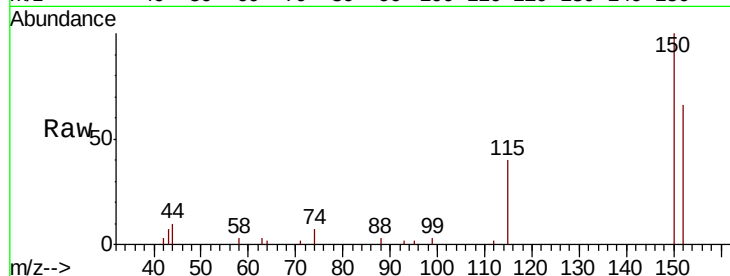


#1

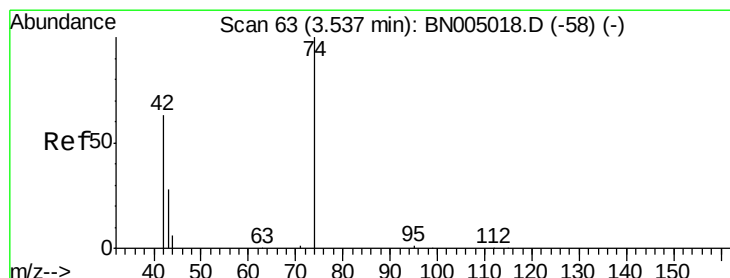
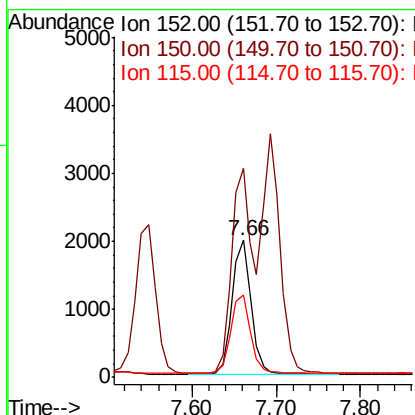
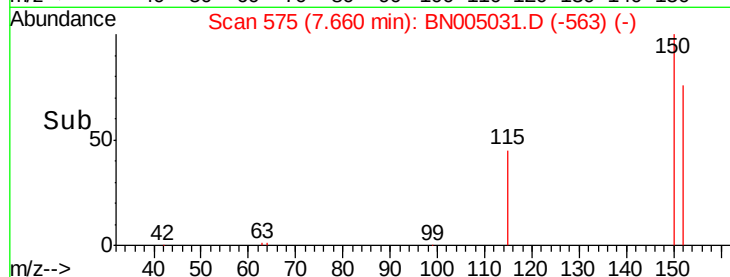
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 3069
Ion Ratio Lower Upper
152 100
150 152.6 123.4 185.2
115 60.5 50.0 75.0



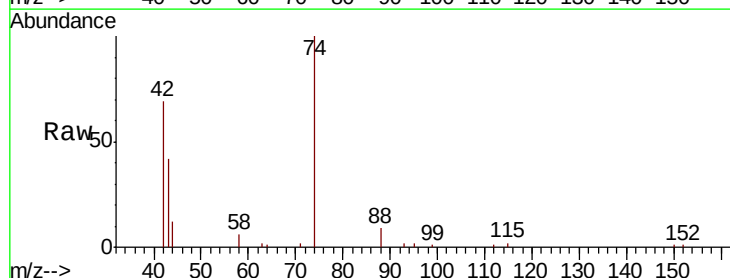
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



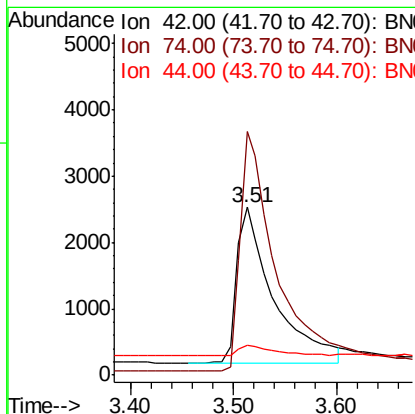
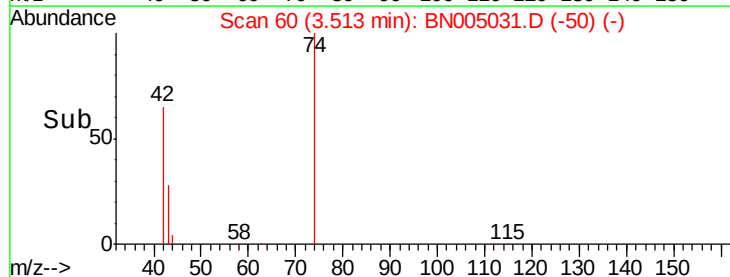
#3

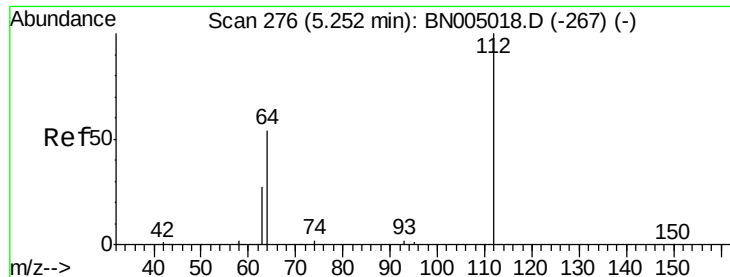
n-Nitrosodimethylamine
Concen: 2.902 ng
RT: 3.51 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion: 42 Resp: 5844
Ion Ratio Lower Upper
42 100
74 152.6 129.1 193.7
44 6.7 11.6 17.4#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 5.530 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.01 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

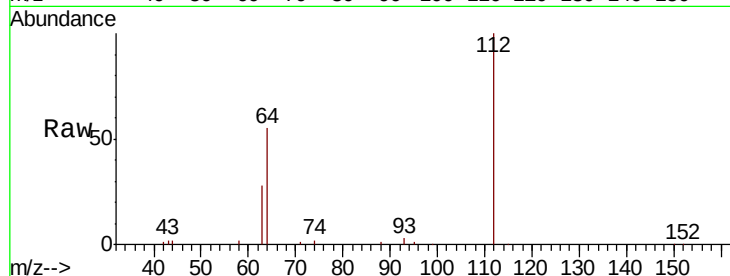
Tgt Ion: 112 Resp: 42367

Ion Ratio Lower Upper

112 100

64 52.4 41.9 62.9

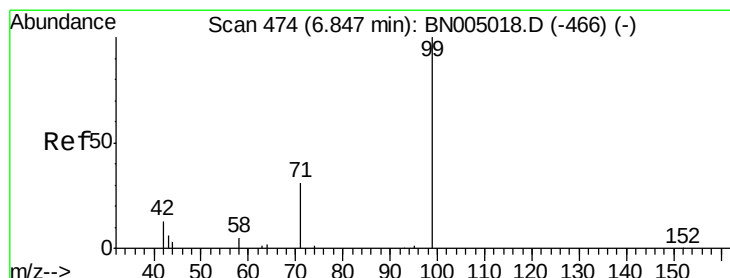
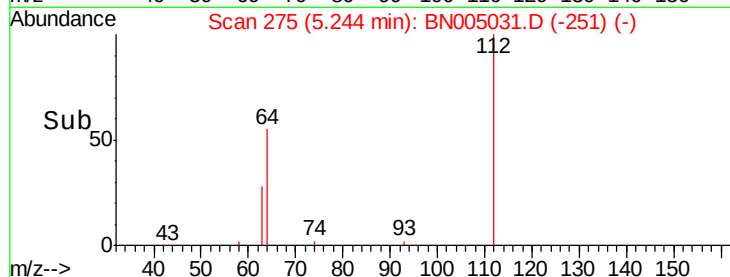
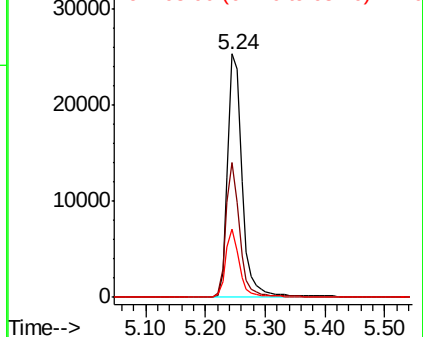
63 26.4 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 5.929 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

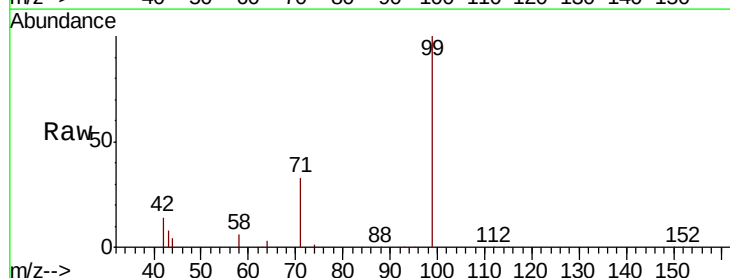
Tgt Ion: 99 Resp: 53798

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

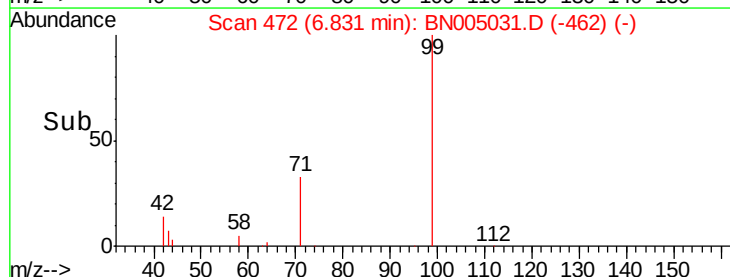
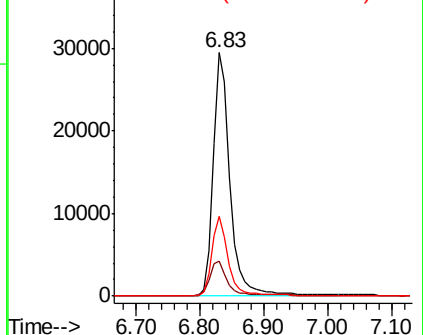
71 31.9 26.1 39.1

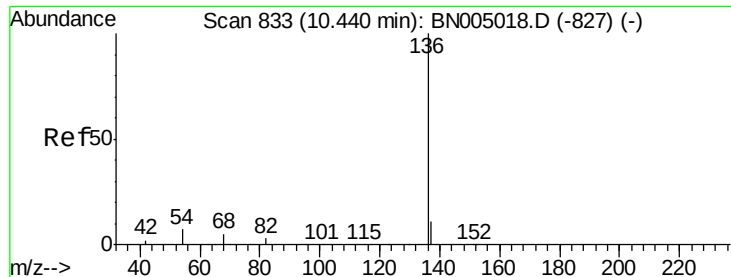


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

Tgt Ion:136 Resp: 11772

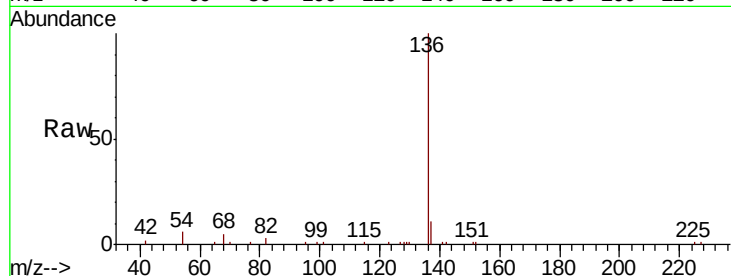
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.8 6.0 9.0#

68 4.9 5.0 7.6#

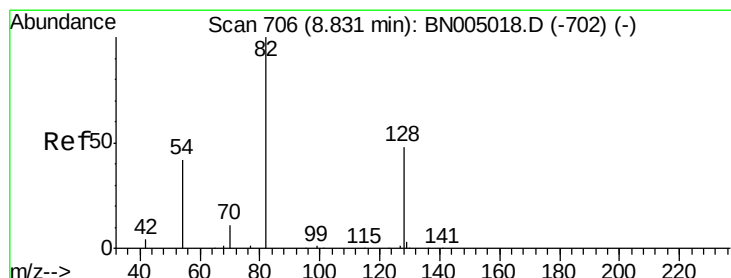
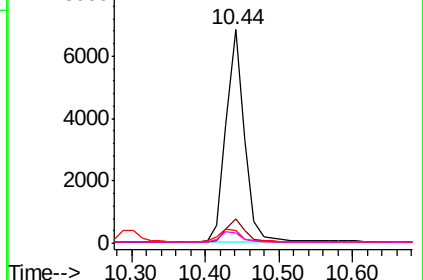
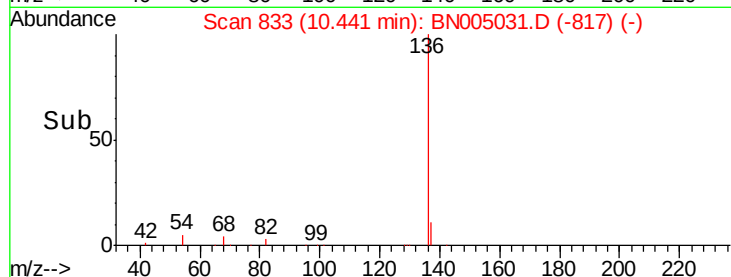


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 4.349 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

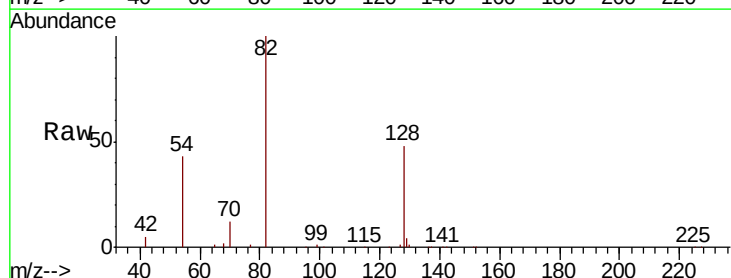
Tgt Ion: 82 Resp: 29671

Ion Ratio Lower Upper

82 100

128 48.0 40.5 60.7

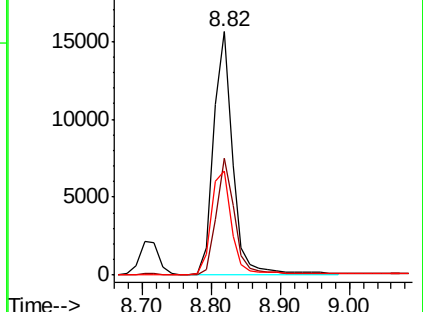
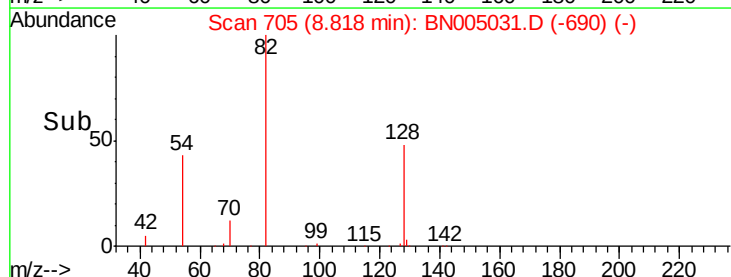
54 42.8 35.7 53.5

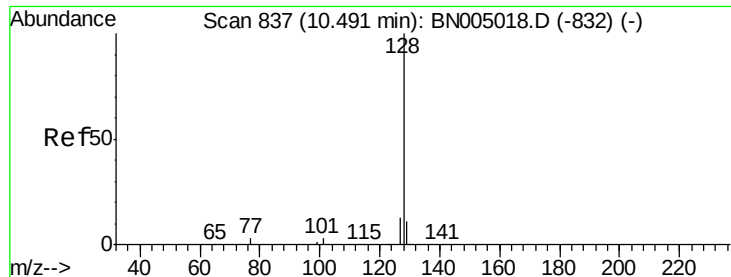


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

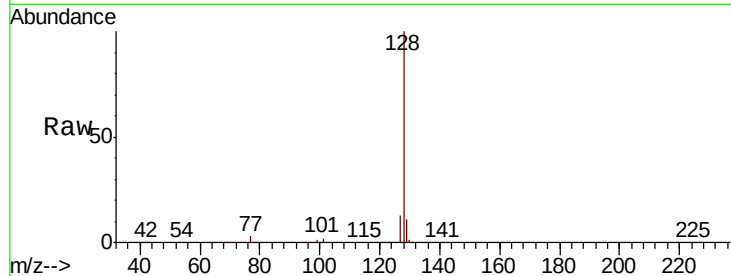




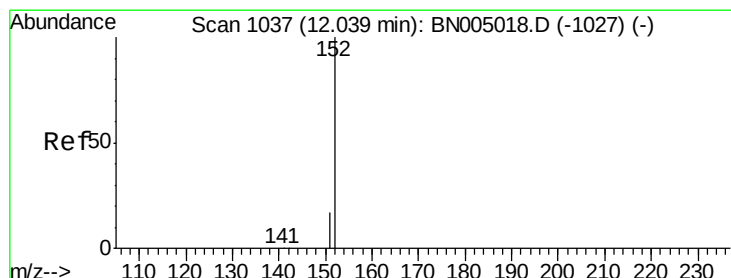
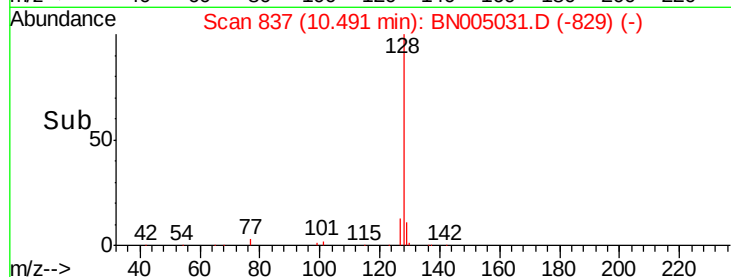
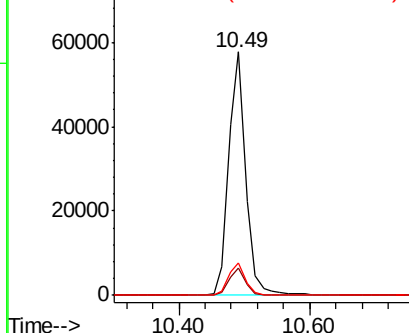
#9
Naphthalene
Concen: 3.500 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 103566
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.1 11.0 16.6

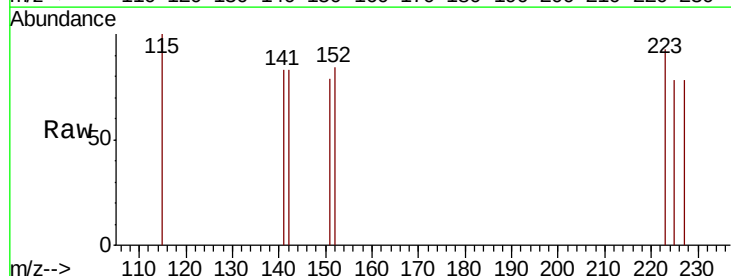


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

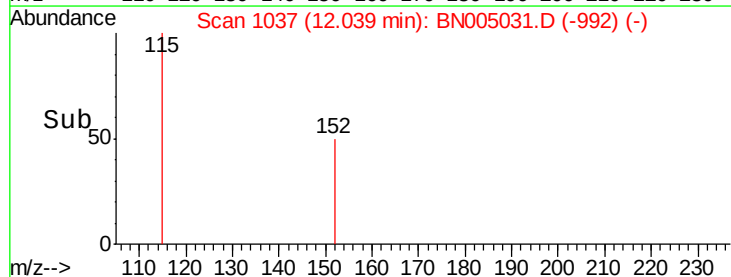
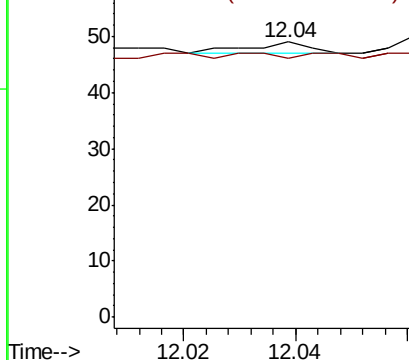


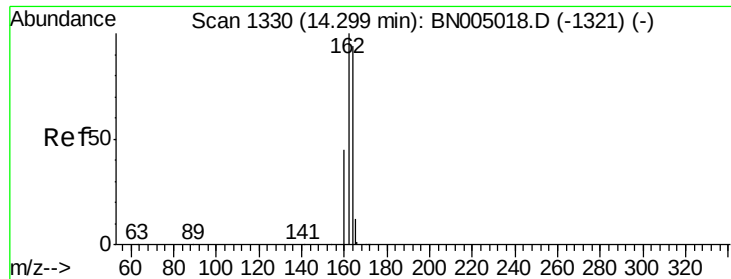
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.04 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:152 Resp: 2
Ion Ratio Lower Upper
152 100
151 50.0 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

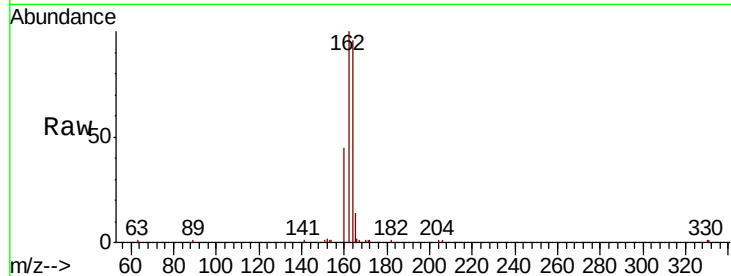
Tgt Ion:164 Resp: 7145

Ion Ratio Lower Upper

164 100

162 104.4 85.3 127.9

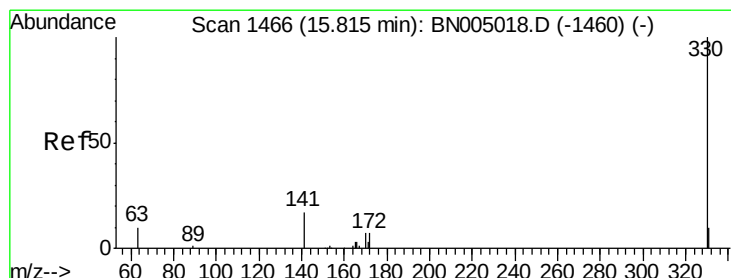
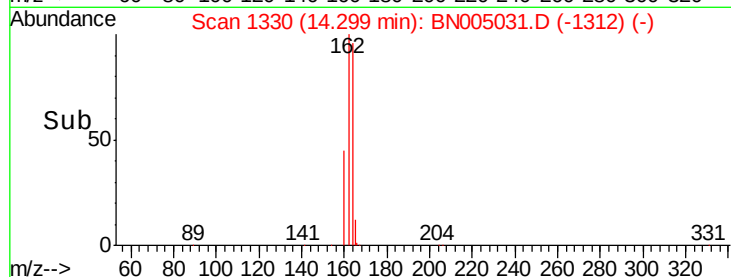
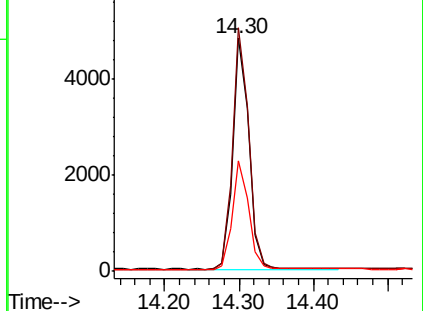
160 47.3 39.2 58.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 5.963 ng

RT: 15.80 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

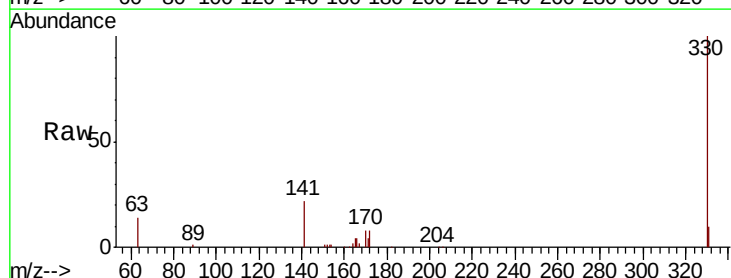
Tgt Ion:330 Resp: 23899

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

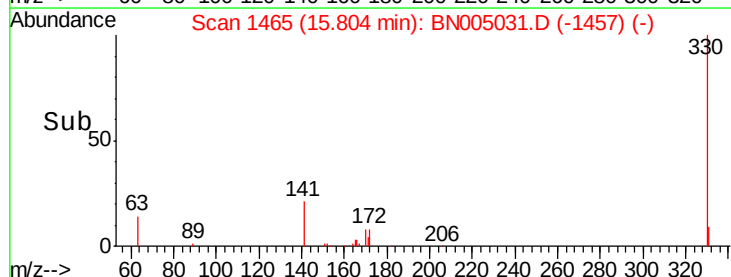
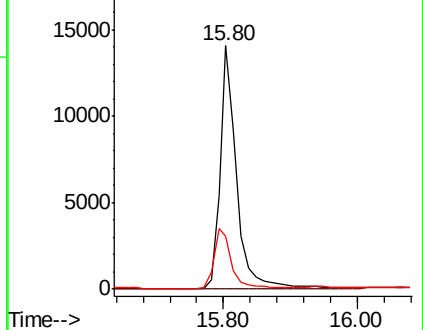
141 26.5 21.3 31.9

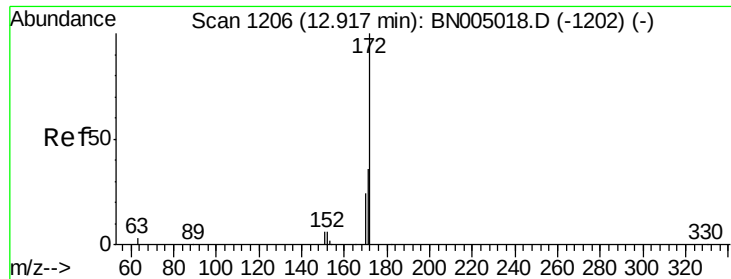


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

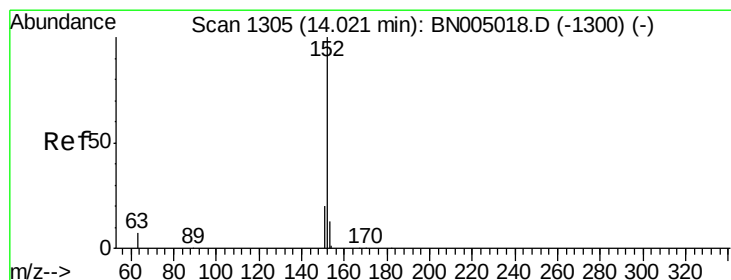
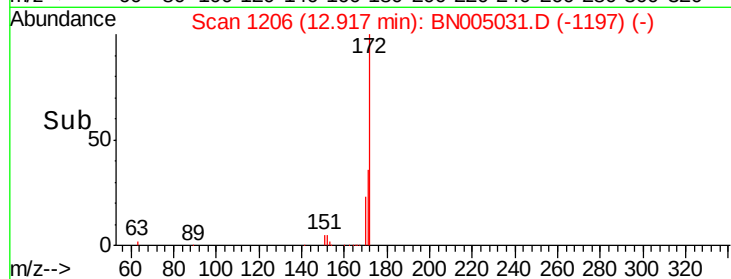
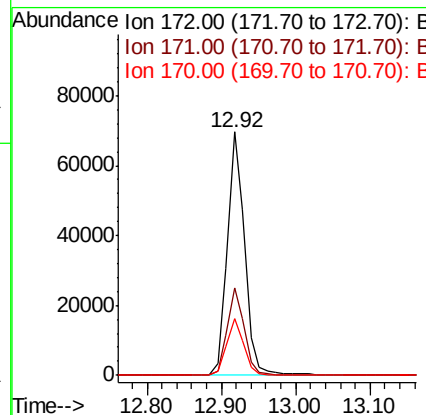
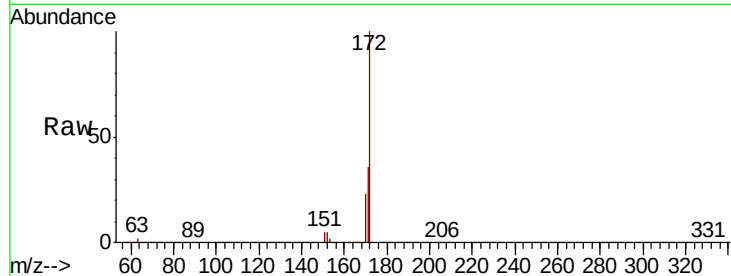




#15
2-Fluorobiphenyl
Concen: 4.173 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

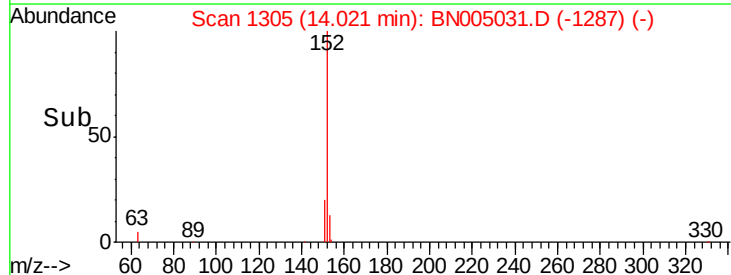
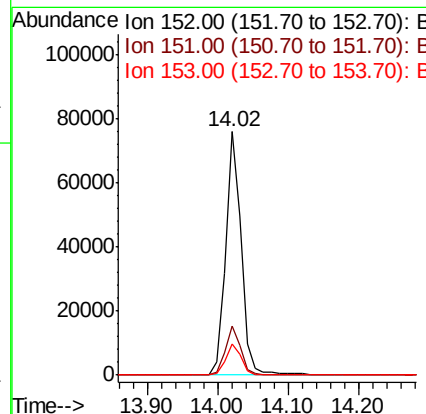
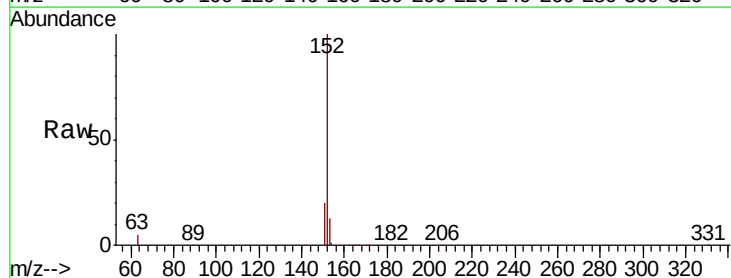
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

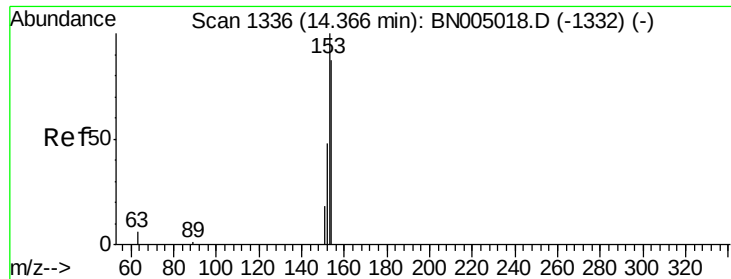
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.4	20.0	30.0



#16
Acenaphthylene
Concen: 3.508 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.1	10.6	15.8





#17

Acenaphthene

Concen: 0.626 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

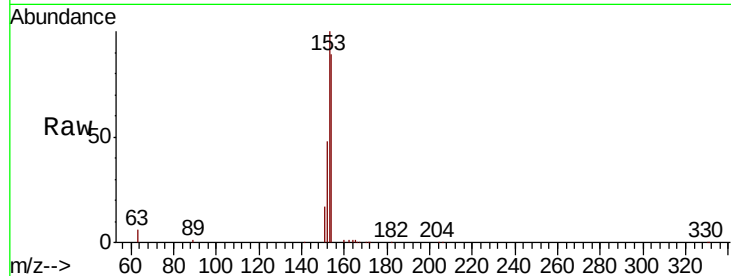
Tgt Ion:154 Resp: 13398

Ion Ratio Lower Upper

154 100

153 114.4 92.1 138.1

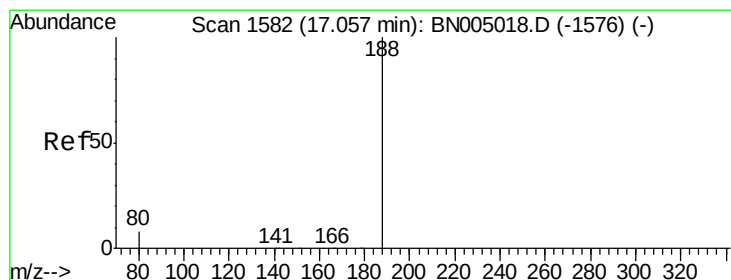
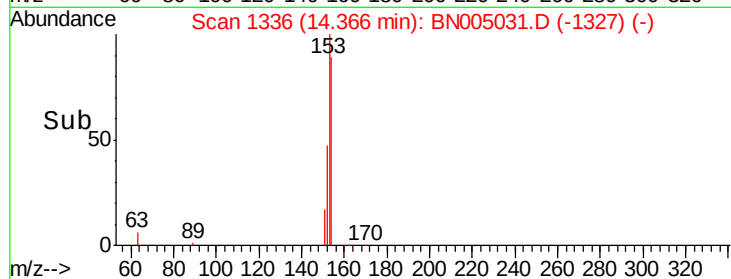
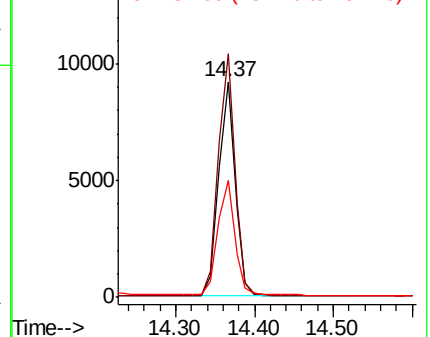
152 55.6 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

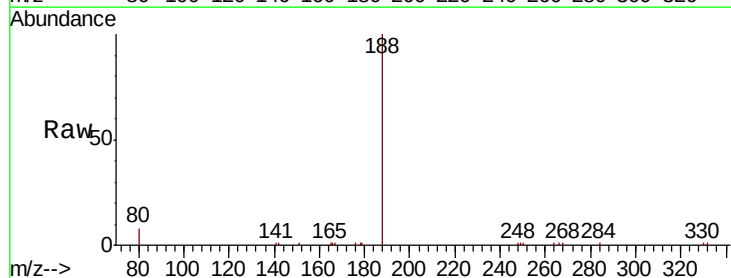
Tgt Ion:188 Resp: 16852

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

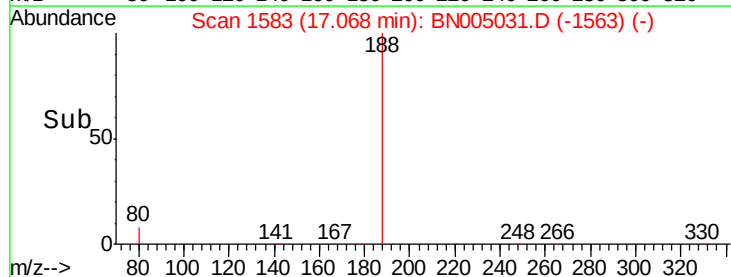
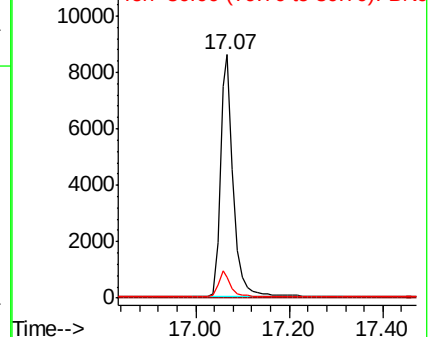
80 8.3 6.9 10.3

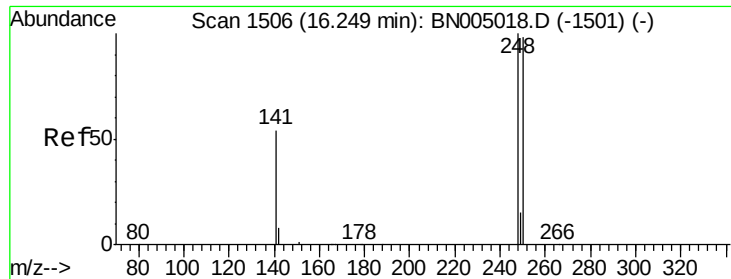


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

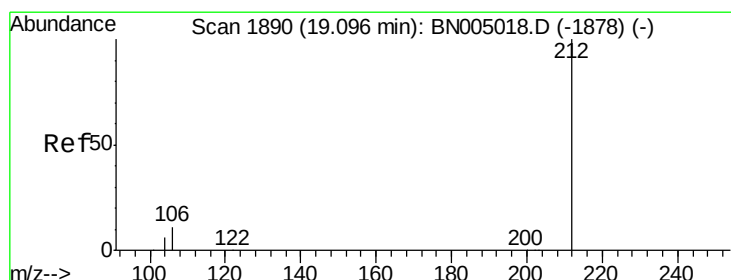
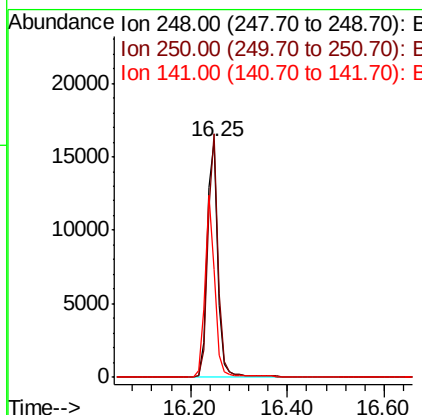
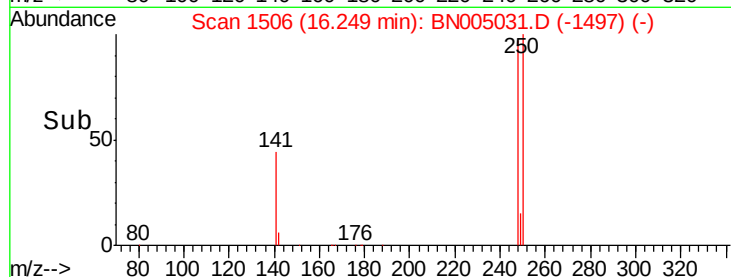
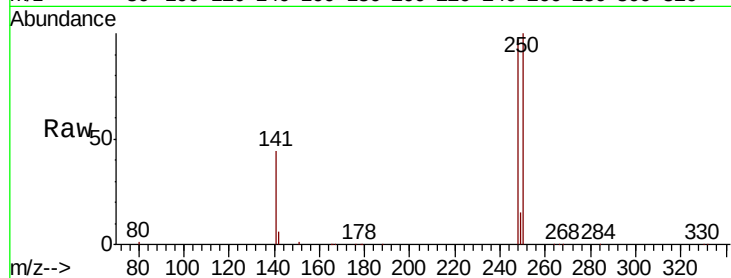




#20
4-Bromophenyl-phenylether
Concen: 2.515 ng
RT: 16.25 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

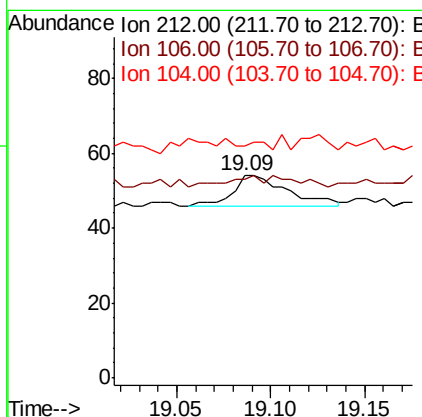
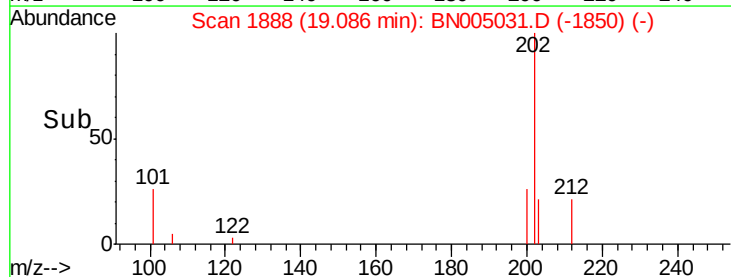
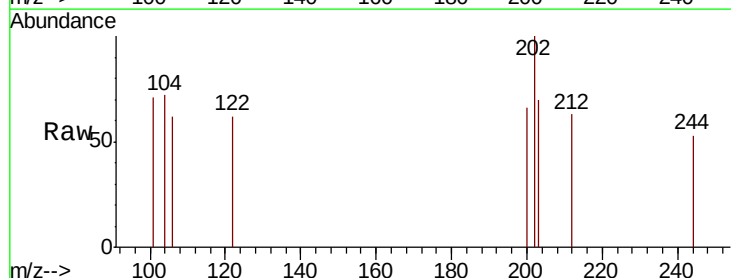
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

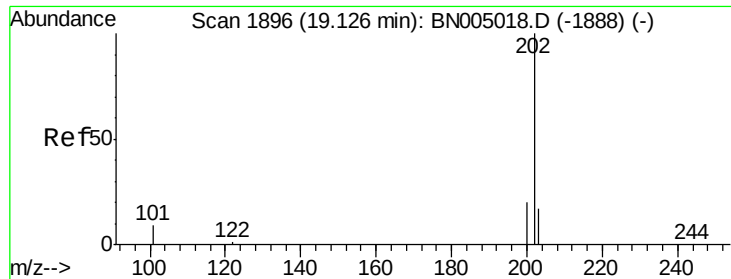
Tgt Ion:248 Resp: 24271
Ion Ratio Lower Upper
248 100
250 103.4 78.6 117.8
141 45.8 43.6 65.4



#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:212 Resp: 16
Ion Ratio Lower Upper
212 100
106 6.3 9.4 14.2#
104 6.3 5.4 8.0

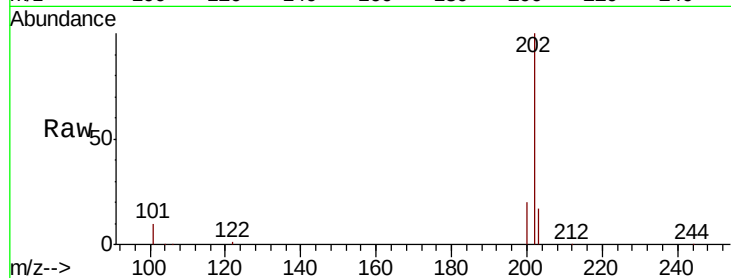




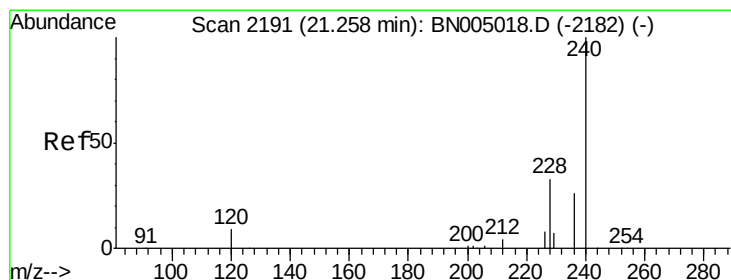
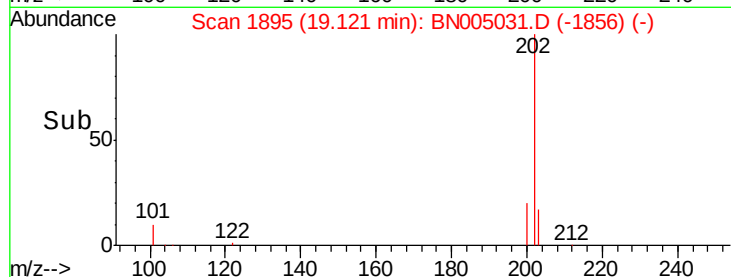
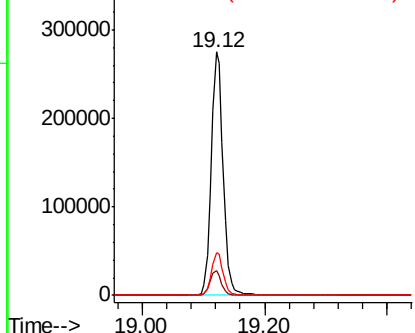
#26
Fluoranthene
Concen: 6.472 ng
RT: 19.12 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 202 Resp: 373931
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
203 17.4 13.8 20.8

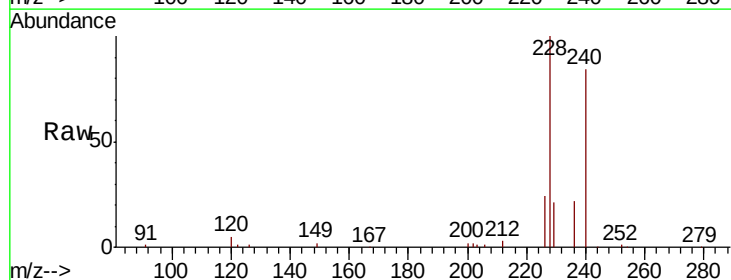


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

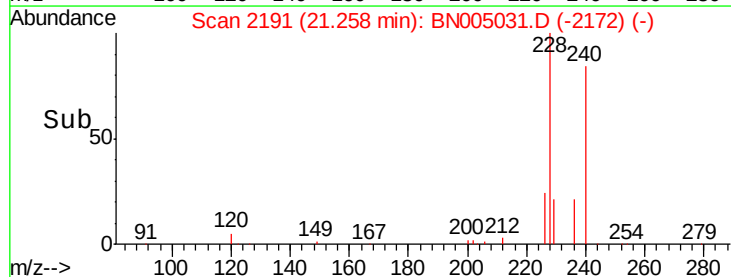
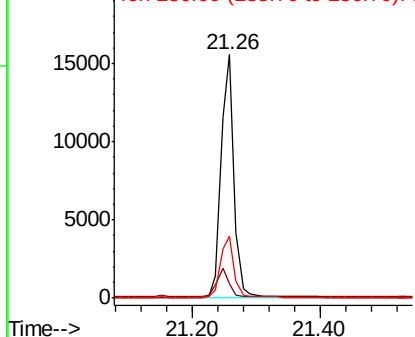


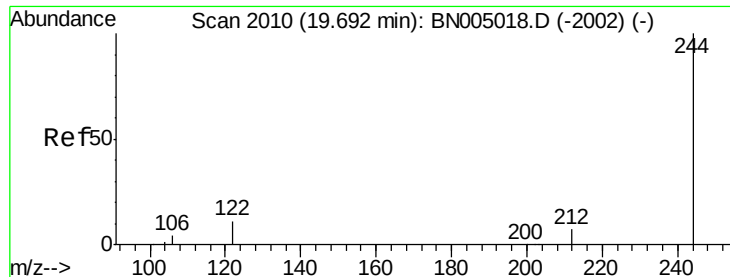
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion: 240 Resp: 21509
Ion Ratio Lower Upper
240 100
120 6.0 7.4 11.0#
236 25.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

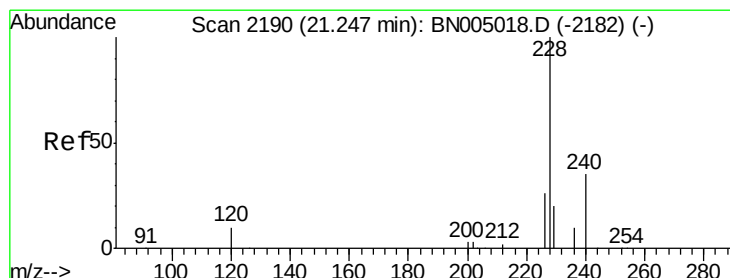
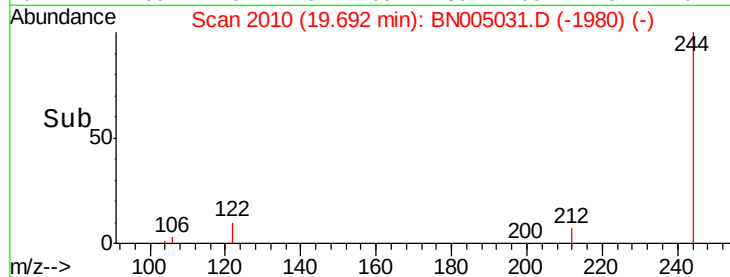
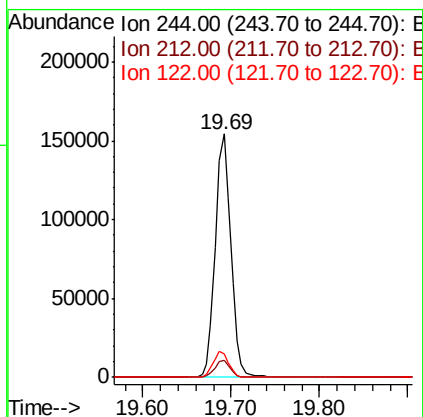
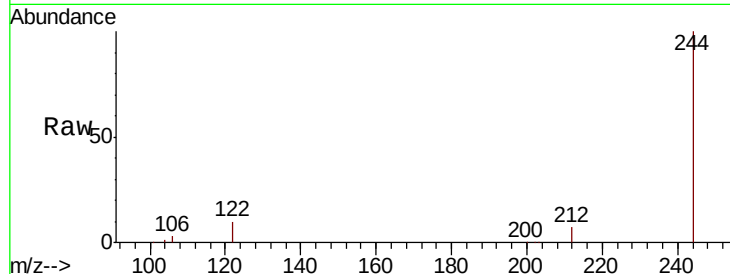




#29
 Terphenyl-d14
 Concen: 4.257 ng
 RT: 19.69 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BN005031.D
 Acq: 29 Mar 2019 13:30

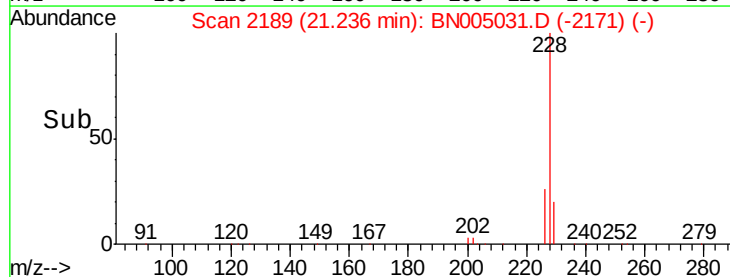
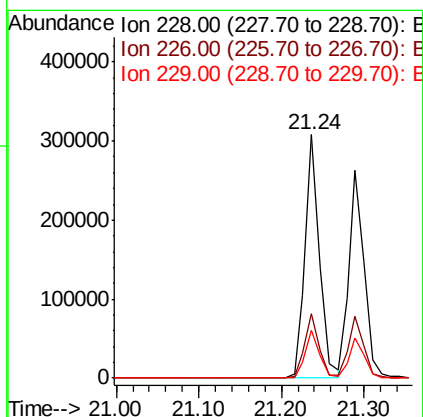
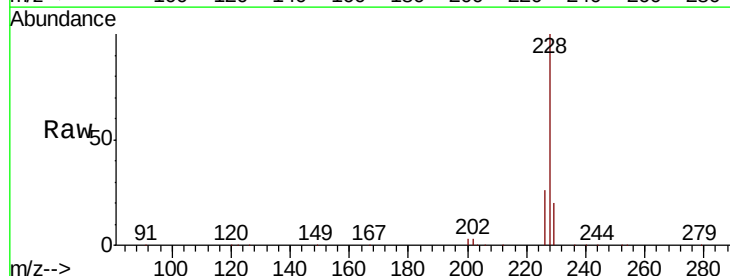
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

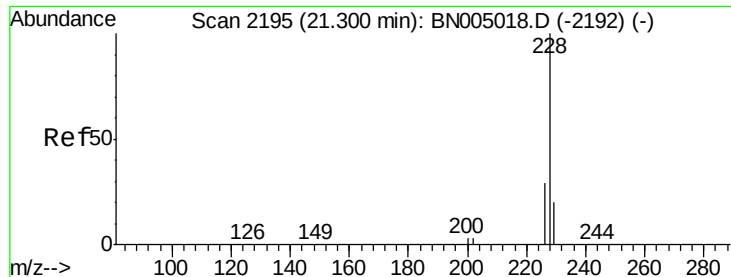
Tgt Ion: 244 Resp: 188160
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.6 9.0 13.4



#30
 Benzo(a)anthracene
 Concen: 6.150 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BN005031.D
 Acq: 29 Mar 2019 13:30

Tgt Ion: 228 Resp: 373002
 Ion Ratio Lower Upper
 228 100
 226 26.5 20.9 31.3
 229 19.5 16.2 24.2





#31

Chrysene

Concen: 5.299 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

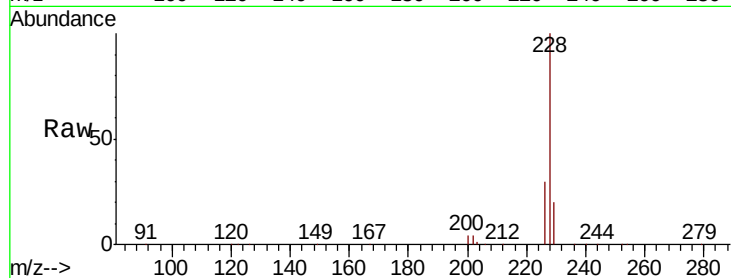
Tgt Ion: 228 Resp: 346473

Ion Ratio Lower Upper

228 100

226 29.7 22.8 34.2

229 19.5 16.2 24.4

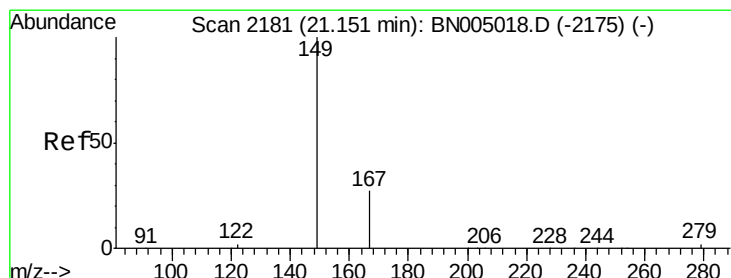
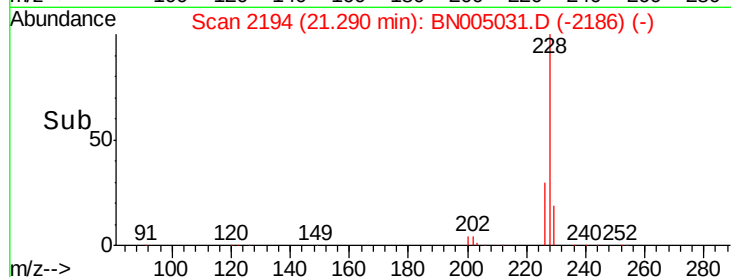
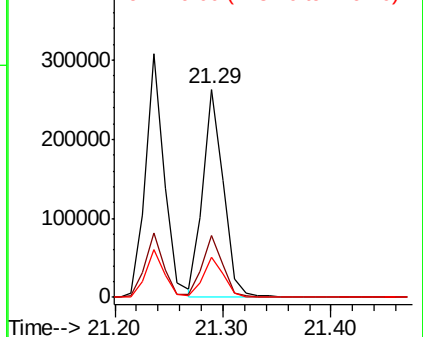


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 7.288 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

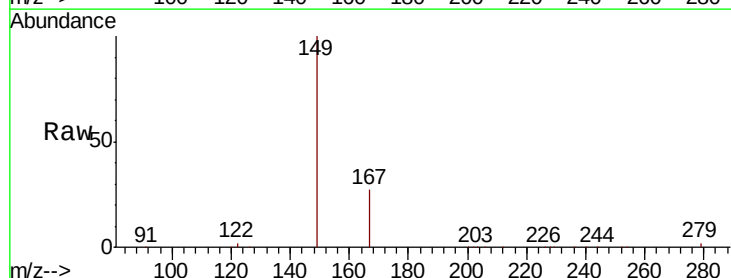
Tgt Ion: 149 Resp: 185108

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 5.4 4.2 6.4

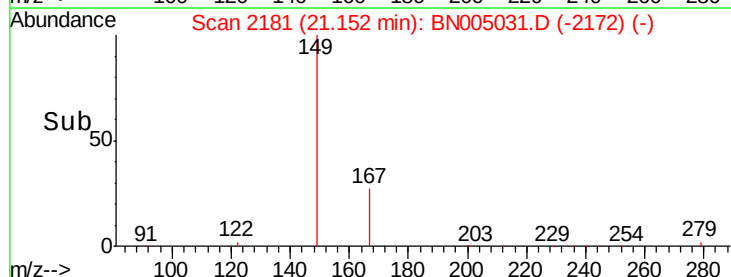
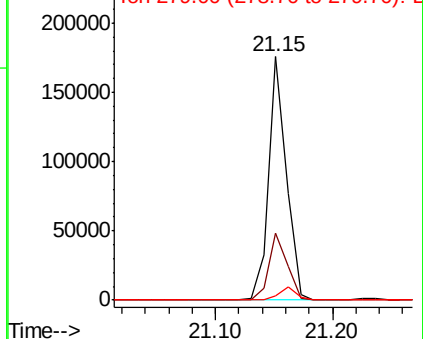


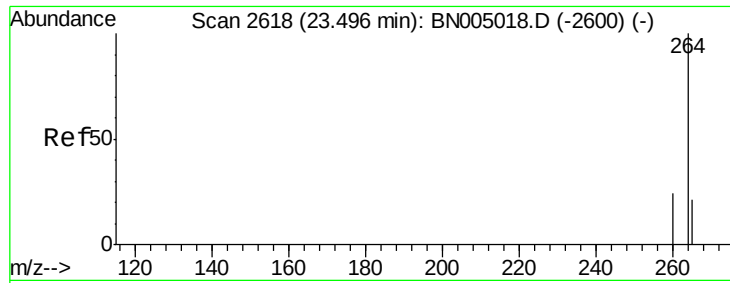
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

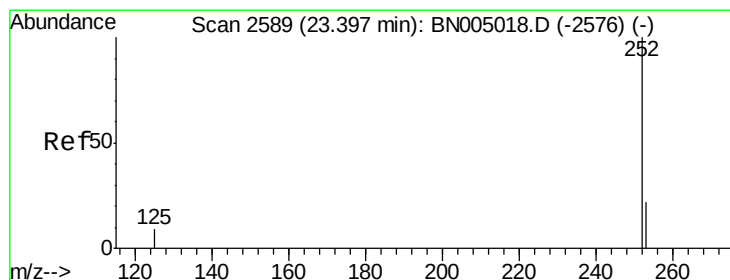
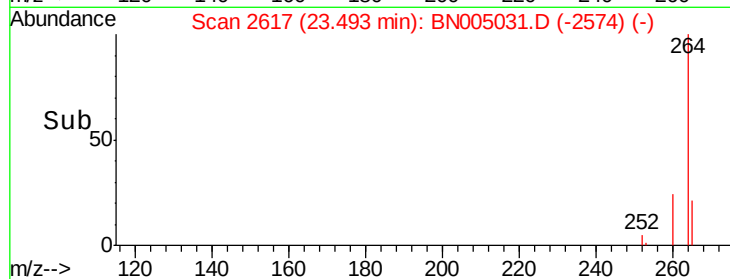
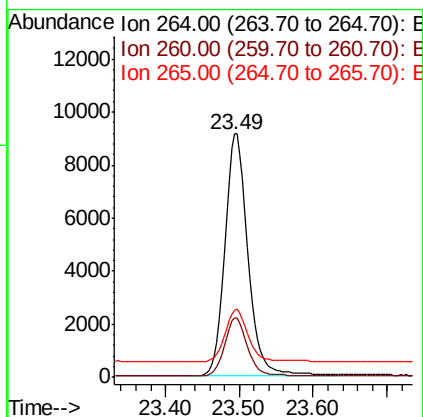
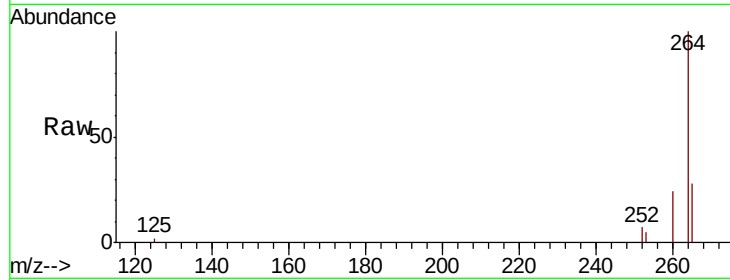




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BN005031.D
 Acq: 29 Mar 2019 13:30

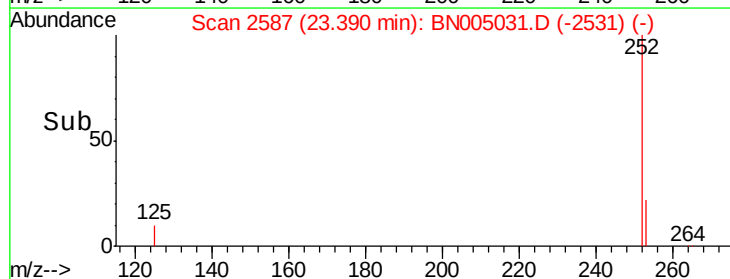
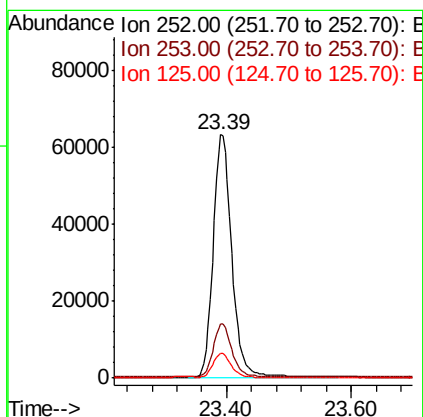
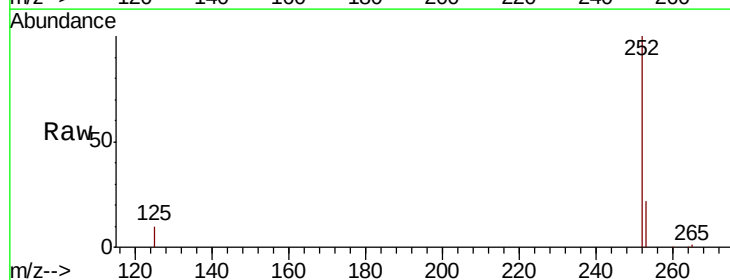
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

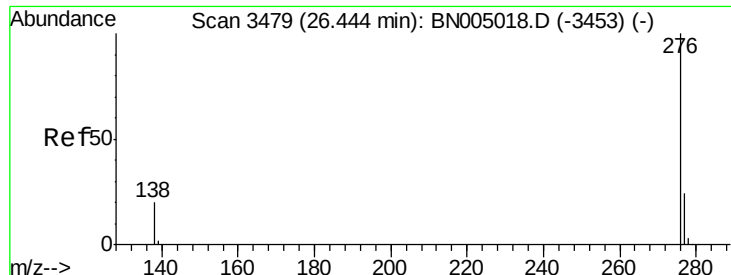
Tgt Ion: 264 Resp: 19477
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 27.7 22.5 33.7



#37
 Benzo(a)pyrene
 Concen: 2.360 ng
 RT: 23.39 min Scan# 2587
 Delta R.T. -0.01 min
 Lab File: BN005031.D
 Acq: 29 Mar 2019 13:30

Tgt Ion: 252 Resp: 131013
 Ion Ratio Lower Upper
 252 100
 253 22.3 20.2 30.2
 125 10.3 9.2 13.8





#39

Benzo(g,h,i)perylene

Concen: 5.152 ng

RT: 26.42 min Scan# 3473

Delta R.T. -0.02 min

Lab File: BN005031.D

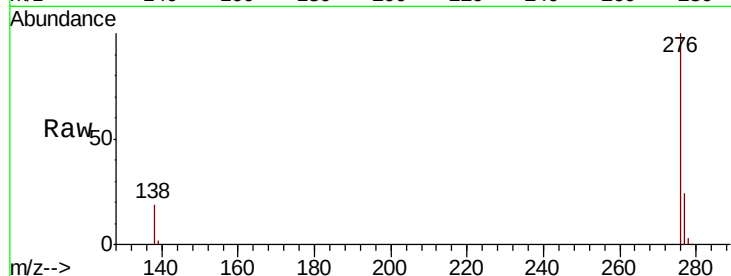
Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL



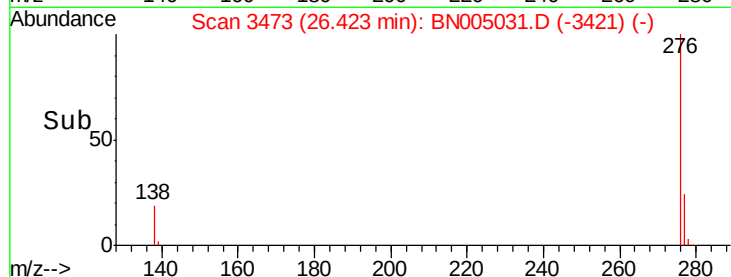
Tgt Ion: 276 Resp: 288245

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.6

138 19.2 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

